

**INVENTORSHIP DECLARATION BY JOINT INVENTORS**

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

CATHETER SYSTEM FOR VASCULAR RE-ENTRY FROM A SUB-INTIMAL SPACE

the specification of which:

- ☐ is attached hereto.
☒ was filed on December 5, 2001 as Application Serial No. _____.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

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I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4417. Address all correspondence to:

**Perkins Coie LLP
P.O. Box 2168
Menlo Park, CA 94026
Customer No. 22918
(650) 838-4300**

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor: Kurt D. Sparks

Citizenship: U.S.A. Mailing Address: 1618 Sand Hill Road #406, Palo Alto, CA 94304


Residence (if different): _____

Inventor's Signature:  Date: 1/14/02

Full name of SECOND inventor: Jeffrey L. Emery

Citizenship: U.S.A. Mailing Address: 2104 Meadowview Place, San Mateo, CA 94401

Residence (if different): _____

Inventor's Signature:  Date: 1/14/02

Full name of THIRD inventor: Brent D. Seybold

Citizenship: U.S.A. Mailing Address: 2435 Armstrong Avenue, Santa Clara, CA 95050

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of FOURTH inventor: David J. Kupiecki

Citizenship: U.S.A. Mailing Address: 3276 Market Street, San Francisco, CA 94114

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of FIFTH inventor: C. Danielle Pinson

Citizenship: U.S.A. Mailing Address: 711 Eunice Avenue, Mountain View, CA 94040

Residence (if different): _____

Inventor's Signature: _____ Date: _____

2007 FEB 01 09:44:00

Full name of SIXTH inventor: Allen W. Madsen

Citizenship: U.S.A. Mailing Address: 2878 Kilo Avenue, San Jose, CA 95124

Residence (if different): _____

Inventor's Signature:  Date: 1-15-02

Full name of SEVENTH inventor: Michael D. Keleher

Citizenship: U.S.A. Mailing Address: 34330 Dobson Way, Fremont, CA 94555

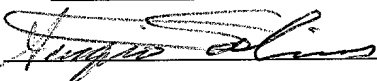
Residence (if different): _____

Inventor's Signature:  Date: 1-15-02

Full name of EIGHTH inventor: Sergio Salinas

Citizenship: U.S.A. Mailing Address: 642 Scott Avenue, Redwood City, CA 94063

Residence (if different): _____

Inventor's Signature:  Date: 1-21-02

Full name of NINTH inventor: Benjamin J. Clark

Citizenship: U.S.A. Mailing Address: 3814 East Lake Way, Redwood City, CA 94062


Residence (if different): 3617 Midfield Way, Redwood City, CA 94062

Inventor's Signature:  Date: 1/14/02

Full name of TENTH inventor: Matthew R. Selmon

Citizenship: U.S.A. Mailing Address: 99 Walnut Avenue, Atherton, CA 94027

Residence (if different): _____

Inventor's Signature:  Date: 1/14/02

2003 FEB 03 10:40:00

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country	App. No.	Filing Date
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**PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S)
UNDER 35 U.S.C. 119(e) AND 120**

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
<u>60/251,756</u>	<u>05 December 2000</u>	<input type="checkbox"/> Patented
		<input type="checkbox"/> Pending
		<input checked="" type="checkbox"/> Abandoned
<u>60/255,729</u>	<u>14 December 2000</u>	<input type="checkbox"/> Patented
		<input type="checkbox"/> Pending
		<input checked="" type="checkbox"/> Abandoned
<u>60/263,350</u>	<u>22 January 2001</u>	<input type="checkbox"/> Patented
		<input checked="" type="checkbox"/> Pending
		<input type="checkbox"/> Abandoned
<u>60/263,397</u>	<u>22 January 2001</u>	<input type="checkbox"/> Patented
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<u>60/263,580</u>	<u>22 January 2001</u>	<input type="checkbox"/> Patented
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Inventor's Signature: _____ Date: _____

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Citizenship: U.S.A. Mailing Address: 2435 Armstrong Avenue, Santa Clara, CA 95050

Residence (if different): _____

Inventor's Signature:  Date: 23 JAN 02

Full name of FOURTH inventor: David J. Kupiecki

Citizenship: U.S.A. Mailing Address: 3276 Market Street, San Francisco, CA 94114

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of FIFTH inventor: C. Danielle Pinson

Citizenship: U.S.A. Mailing Address: 711 Eunice Avenue, Mountain View, CA 94040

Residence (if different): _____

Inventor's Signature: _____ Date: _____

FILED "03" 01 04 00

Full name of SIXTH inventor: Allen W. Madsen

Citizenship: U.S.A. Mailing Address: 2878 Kilo Avenue, San Jose, CA 95124

Residence (if different): _____

Inventor's Signature: _____ Date: _____

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Inventor's Signature: _____ Date: _____

Full name of EIGHTH inventor: Sergio Salinas

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Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of NINTH inventor: Benjamin J. Clark

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Citizenship: U.S.A. Mailing Address: 99 Walnut Avenue, Atherton, CA 94027

Residence (if different): _____

Inventor's Signature: _____ Date: _____

2008-07-07 10:40:00

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

App. No.

Filing Date

PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S)
UNDER 35 U.S.C. 119(e) AND 120

Filing Date

Status

05 December 2000

	Patented	Pending	Abandoned
1980-1989	16	17	10
1990-1999	10	10	10
2000-2009	10	10	10
2010-2019	10	10	10
2020-2029	10	10	10
2030-2039	10	10	10
2040-2049	10	10	10
2050-2059	10	10	10
2060-2069	10	10	10
2070-2079	10	10	10
2080-2089	10	10	10
2090-2099	10	10	10
2100-2109	10	10	10
2110-2119	10	10	10
2120-2129	10	10	10
2130-2139	10	10	10
2140-2149	10	10	10
2150-2159	10	10	10
2160-2169	10	10	10
2170-2179	10	10	10
2180-2189	10	10	10
2190-2199	10	10	10
2200-2209	10	10	10
2210-2219	10	10	10
2220-2229	10	10	10
2230-2239	10	10	10
2240-2249	10	10	10
2250-2259	10	10	10
2260-2269	10	10	10
2270-2279	10	10	10
2280-2289	10	10	10
2290-2299	10	10	10
2300-2309	10	10	10
2310-2319	10	10	10
2320-2329	10	10	10
2330-2339	10	10	10
2340-2349	10	10	10
2350-2359	10	10	10
2360-2369	10	10	10
2370-2379	10	10	10
2380-2389	10	10	10
2390-2399	10	10	10
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2430-2439	10	10	10
2440-2449	10	10	10
2450-2459	10	10	10
2460-2469	10	10	10
2470-2479	10	10	10
2480-2489	10	10	10
2490-2499	10	10	10
2500-2509	10	10	10
2510-2519	10	10	10
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2530-2539	10	10	10
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2580-2589	10	10	10
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2860-2869	10	10	10
2870-2879	10	10	10
2880-2889	10	10	10
2890-2899	10	10	10
2900-2909	10	10	10
2910-2919	10	10	10
2920-2929	10	10	10
2930-2939	10	10	10
2940-2949	10	10	10
2950-2959	10	10	10
2960-2969	10	10	

14 December 2000

	Patented	Pending	Abandoned
1980-1984	67	10	1
1985-1989	10	1	0
1990-1994	1	0	0
1995-1999	0	0	0
2000-2004	0	0	0
2005-2009	0	0	0
2010-2014	0	0	0
2015-2019	0	0	0
2020-2024	0	0	0
Total	78	11	1

22 January 2001

	Patented	Pending	Abandoned
1980-1984	67	10	1
1985-1989	10	1	0
1990-1994	1	0	0
1995-1999	0	0	0
2000-2004	0	0	0
2005-2009	0	0	0
2010-2014	0	0	0
2015-2019	0	0	0
2020-2024	0	0	0
Total	78	11	1

22 January 2001

Abandoned
Patented
Pending
Abandoned

22 January 2001

Patented
Pending
Abandoned

22 January 2001

Patented
Pending
Abandoned

22 January 2001

Patented
Pending
Abandoned

12 February 2001

Patented
Pending
Abandoned

27 June 2001

	Patented	Pending	Abandoned
1980-1984	67	10	1
1985-1989	10	1	0
1990-1994	1	0	0
1995-1999	0	0	0
2000-2004	0	0	0
2005-2009	0	0	0
2010-2014	0	0	0
2015-2019	0	0	0
2020-2024	0	0	0
Total	78	11	1

17 October 2001

Patented
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Abandoned



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- ☒ was filed on December 5, 2001 as Application Serial No. _____.

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PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor: Kurt D. Sparks

Citizenship: U.S.A. Mailing Address: 1618 Sand Hill Road #406, Palo Alto, CA 94304

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of SECOND inventor: Jeffrey L. Emery

Citizenship: U.S.A. Mailing Address: 2104 Meadowview Place, San Mateo, CA 94401

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of THIRD inventor: Brent D. Seybold

Citizenship: U.S.A. Mailing Address: 2435 Armstrong Avenue, Santa Clara, CA 95050

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of FOURTH inventor: David J. Kupiecki

Citizenship: U.S.A. Mailing Address: 3276 Market Street, San Francisco, CA 94114

Residence (if different): _____

Inventor's Signature:  Date: 1-20-02

Full name of FIFTH inventor: C. Danielle Pinson

Citizenship: U.S.A. Mailing Address: 711 Eunice Avenue, Mountain View, CA 94040

Residence (if different): _____

Inventor's Signature: _____ Date: _____

2003 "e" OF 4000

Full name of SIXTH inventor: Allen W. Madsen

Citizenship: U.S.A. Mailing Address: 2878 Kilo Avenue, San Jose, CA 95124

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of SEVENTH inventor: Michael D. Keleher

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Residence (if different): _____

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Country	App. No.	Filing Date
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PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e) AND 120

<u>Serial No.</u>	<u>Filing Date</u>		<u>Status</u>
<u>60/251,756</u>	<u>05 December 2000</u>	<input type="checkbox"/>	Patented
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Residence (if different): _____

Inventor's Signature: D. Pinson Date: 02/02/02

Full name of SIXTH inventor: Allen W. Madsen

Citizenship: U.S.A. Mailing Address: 2878 Kilo Avenue, San Jose, CA 95124

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of SEVENTH inventor: Michael D. Keleher

Citizenship: U.S.A. Mailing Address: 34330 Dobson Way, Fremont, CA 94555

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of EIGHTH inventor: Sergio Salinas

Citizenship: U.S.A. Mailing Address: 642 Scott Avenue, Redwood City, CA 94063

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of NINTH inventor: Benjamin J. Clark

Citizenship: U.S.A. Mailing Address: 3814 East Lake Way, Redwood City, CA 94062

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of TENTH inventor: Matthew R. Selmon

Citizenship: U.S.A. Mailing Address: 99 Walnut Avenue, Atherton, CA 94027

Residence (if different): _____

Inventor's Signature: _____ Date: _____

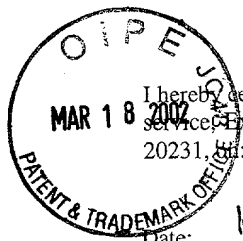
INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country	App. No.	Filing Date
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PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e) AND 120

Serial No.	Filing Date		Status
<u>60/251,756</u>	<u>05 December 2000</u>	<input type="checkbox"/>	Patented
		<input type="checkbox"/>	Pending
		<input checked="" type="checkbox"/>	Abandoned
<u>60/255,729</u>	<u>14 December 2000</u>	<input type="checkbox"/>	Patented
		<input type="checkbox"/>	Pending
		<input checked="" type="checkbox"/>	Abandoned
<u>60/263,350</u>	<u>22 January 2001</u>	<input type="checkbox"/>	Patented
		<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
<u>60/263,397</u>	<u>22 January 2001</u>	<input type="checkbox"/>	Patented
		<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
<u>60/263,579</u>	<u>22 January 2001</u>	<input type="checkbox"/>	Patented
		<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
<u>60/263,580</u>	<u>22 January 2001</u>	<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
		<input type="checkbox"/>	Patented
<u>60/263,589</u>	<u>22 January 2001</u>	<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
		<input type="checkbox"/>	Patented
<u>60/268,263</u>	<u>12 February 2001</u>	<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
		<input type="checkbox"/>	Patented
<u>60/301,537</u>	<u>27 June 2001</u>	<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned
		<input type="checkbox"/>	Patented
<u>60/329,936</u>	<u>17 October 2001</u>	<input checked="" type="checkbox"/>	Pending
		<input type="checkbox"/>	Abandoned



I hereby certify that this correspondence is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service Express Mail Label No. EL 889537143 US, and addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, etc.

Date:

March 18, 2002

By:

Jennifer Mahan

Docket No. 37217.8116

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Sparks, *et al.*

SERIAL No.: 10/010,410

FILED: December 5, 2001

FOR: CATHETER SYSTEM FOR VASCULAR
RE-ENTRY FROM A SUB-INTIMAL
SPACE

EXAMINER: Unknown

ART UNIT: 3739

Power of Attorney by Assignee and Certification
Under 37 CFR §3.73(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration No. 33,904; JAMES NICKELSON, Registration No. 46,140; MARK

A. THOMAS, Registration No. 37,953; BRETON A. BOCCHIERI, Registration No. 31,739; BARBARA B. COURTNEY, Registration No. 42,442; PETER J. DEHLINGER, Registration No. 28,006; LEEANN GORTHEY, Registration No. 37,337; RICHARD L. GREGORY, JR., Registration No. 42,607; MICHAEL C. MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563; LARRY W. THROWER, Registration No. 47,994; and JACQUELINE F. MAHONEY, Registration No. 48,390; all affiliated with Perkins Coie LLP.

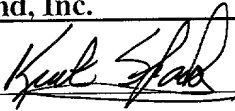
Direct all telephone calls to Richard L. Gregory, Jr. at (650) 838-4408. Address all correspondence to:

Perkins Coie LLP
P.O. Box 2168
Menlo Park, CA 94026
Telephone: (650) 838-4300
Customer No. 22918

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

ASSIGNEE: LuMend, Inc.

Signature: 

Typed Name: Kurt D. Sparks

Title: Vice President of Research and Development

Date: MARCH 6, 2002

Address: 400 Chesapeake Drive, Redwood City, CA 94063